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KR-2003047672-A.did.	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
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EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

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L10

Search History

DATE: Monday, January 08, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name **Query**
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Hit Count **Set Name**
 result set

DB=EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR

L10 KR-2003047672-A.did.

0 L10

L9 CN-1393358-A.did.

0 L9

L8 BR-200202330-A.did.

0 L8

DB=JPAB; THES=ASSIGNEE; PLUR=YES; OP=OR

L7 JP-2003095045-A.did.

1 L7

DB=EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR

L6 EP-1273478-A2.did.

1 L6

L5 DE-20110339-U1.did.

0 L5

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L4 6995687

2 L4

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L3 (parking\$ with aid\$ with big\$ with lorry\$)

1 L3

L2 emmert and (parking with aid with for with big with lorry)

0 L2

DB=PGPB,USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR

L1 emmert and "parking aid for big lorry"

0 L1

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L3: Entry 1 of 1

File: DWPI

Feb 7, 2006

DERWENT-ACC-NO: 2002-714739

DERWENT-WEEK: 200611

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TITLE: Parking assistance system for use in large commercial vehicles has sensor on rear end of vehicle connected to display unit on dashboard in cab

INVENTOR: EMMERT, H; HELLER, U ; LANG, H ; WITZKE, M

PATENT-ASSIGNEE: LANG-MEKRA NORTH AMERICA LLC (LANGN), MEKRA LANG GMBH & CO KG (MEKRN), EMMERT H (EMMEI), HELLER U (HELLI), LANG H (LANGI), WITZKE M (WITZI)

PRIORITY-DATA: 2001DE-2010339 (June 22, 2001)

[Search Selected](#)[Search ALL](#)[Clear](#)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> US 6995687 B2	February 7, 2006		000	G08G001/00
<input type="checkbox"/> DE 20110339 U1	October 24, 2002		014	B60R001/00
<input type="checkbox"/> EP 1273478 A2	January 8, 2003	G	000	B60Q001/48
<input type="checkbox"/> US 20030025596 A1	February 6, 2003		000	B60Q001/00
<input type="checkbox"/> JP 2003095045 A	April 3, 2003		005	B60R021/00
<input type="checkbox"/> BR 200202330 A	April 15, 2003		000	B60Q009/00
<input type="checkbox"/> CN 1393358 A	January 29, 2003		000	B60Q001/22
<input type="checkbox"/> KR 2003047672 A	June 18, 2003		000	B60Q005/00

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6995687B2	May 16, 2002	2002US-0147383	
DE 20110339U1	June 22, 2001	2001DE-2010339	
EP 1273478A2	June 21, 2002	2002EP-0013814	
US20030025596A1	May 16, 2002	2002US-0147383	
JP2003095045A	June 24, 2002	2002JP-0182427	
BR 200202330A	June 20, 2002	2002BR-0002330	
CN 1393358A	June 21, 2002	2002CN-0124381	
KR2003047672A	June 14, 2002	2002KR-0033215	

INT-CL (IPC): B60Q 1/00; B60Q 1/22; B60Q 1/48; B60Q 5/00; B60Q 9/00; B60R 1/00;
B60R 1/12; B60R 11/02; B60R 21/00; G03B 15/00; G08G 1/00; H04N 7/18

ABSTRACTED-PUB-NO: DE 20110339U

BASIC-ABSTRACT:

NOVELTY - The vehicle (1) has a distance sensor (3) on the rear bumper. It may be a video camera, a radar set or sonar equipment. The sensor is connected to the display unit (2) in the cab by a radio link, which may enable different tractor units to be used with different trailers or semitrailers. Digital data transmission is used.

USE - Parking aid for big lorry.

ADVANTAGE - Sensor at rear and display in cab are connected only via digital radio link, allowing different cabs to be used with different trailer without connecting and disconnecting conductor wires.

DESCRIPTION OF DRAWING(S) - The drawing shows a side view of the lorry.

Commercial vehicle 1

Display unit in the cab 2

Distance sensor 3

ABSTRACTED-PUB-NO: DE 20110339U

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: P82 Q16 Q17 W06 X22

EPI-CODES: W06-A04; W06-A05; W06-A06; X22-J05A; X22-J05B; X22-J05C; X22-P05B;

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☐ 1. Document ID: EP 1273478 A2

L6: Entry 1 of 1

File: EPAB

Jan 8, 2003

PUB-NO: EP001273478A2

DOCUMENT-IDENTIFIER: EP 1273478 A2

TITLE: Parking aid for a vehicle

PUBN-DATE: January 8, 2003

INVENTOR-INFORMATION:

NAME

COUNTRY

LANG, HEINRICH

DE

WITZKE, MICHAEL

DE

EMMERT, HARALD

DE

HELLER, UWE

DE

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MEKRA LANG GMBH & CO KG

DE

APPL-NO: EP02013814

APPL-DATE: June 21, 2002

PRIORITY-DATA: DE20110339U (June 22, 2001)

INT-CL (IPC): B60Q 1/48

EUR-CL (EPC): B60R001/00

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 1. Document ID: JP 2003095045 A

L7: Entry 1 of 1

File: JPAB

Apr 3, 2003

PUB-NO: JP02003095045A

DOCUMENT-IDENTIFIER: JP 2003095045 A

TITLE: PARKING SUPPORT EQUIPMENT FOR AUTOMOBILE

PUBN-DATE: April 3, 2003

INVENTOR-INFORMATION:

NAME

COUNTRY

HENRICH, LANG

WITZKE, MICHAEL

EMMERT, HARALD

HELLER, UWE

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MEKRA LANG GMBH & CO KG

APPL-NO: JP2002182427

APPL-DATE: June 24, 2002

PRIORITY-DATA: 2001DE-20110339 (June 22, 2001)

INT-CL (IPC): B60R 21/00; B60R 1/00; B60R 1/12; B60R 11/02; G03B 15/00; H04N 7/18

ABSTRACT:

PROBLEM TO BE SOLVED: To provide parking support equipment for an automobile.

SOLUTION: The parking support equipment for an automobile is provided with a detecting part for detecting a backward situation of the automobile and information supplying part separately supplied from the detecting part. In the information supplying part, when the signal relating the backward situation of the automobile is transmitted from the detecting part into the information supplying part via a wireless, a driver is informed of the backward situation of the automobile..

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Attachments	Claims	KWIC	Draw De
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